BEACH INTELLIGENCE

This form is designed to facilitate the collection of information which will be useful in determining the "trafficability" of possible landing beaches. Where available, a large scale chart or photographs illustrating the beach data should be attached.

A. GENERAL AREA

1. Location Cape Newenham, Alaska, Anchorage

2. From None posit 11 June 1953 Latitude 58°24' N. Longitude 162°25'W

   To Anchorage posit Latitude 58°42' N. Longitude 162°02.5'W

3. Brief point to point description of shoreline topography Rugged in appearance landing ocvey Harbor where landing craft utilised for current landings of cargo.

4. Weather

   a. Time of most favorable weather Variable, calm or sly winds.

   b. Prevailing wind direction SE to SW'ly Force 4

   c. Wind direction during storms SE'ly Maximum Force 7

      Frequency of storms during favorable period Moodale 13 June 1953

   d. Fog: Time of year 11 June to 16 June 1953 Time of day Variable.

      Usually cleared by what hour Variable.

      Visibility during fog (distance) 1 Mile.

5. Sea Conditions

   a. Direction from SE'ly Average Force 4

   b. Storm direction from SE'ly Maximum Force 7

      Time and frequency of occurence Mod gale 13 June 1953

   c. Average wave height 3 feet Storm wave height 5 feet

6. Ice Conditions

   a. Approximate dates of freeze-over and breakup None OBS and

   b. Height of foot of landfast ice None 11 June to 16 June 1953.

   c. Location and frequency of floating ice As indicated pilot chart June 1953.

   d. General remarks None observed.

7. Currents

   a. Direction and velocity at flood tide SE ebb tide WSW

   b. Areas of dangerous tide rips Vicinity of Seal Rock

8. Uncharted dangers to navigation (attach detailed report). None observed.

B. SPECIFIC LANDING BEACH

1. Location from Western limit of cove.

at Latitude 99°40' N. Longitude 162°04.5' W. to

at Latitude Longitude

2. Description

a. Length 200 feet Average width 200 feet

b. Obstructions Boulders and gravel.

	1 fathom to MLW	MLW to MHW
c. Composition (sand, gravel, etc.)		
d. Consistency (hard sand, mud, etc.)		
e. Gradient (Ft:ft) (average)		
f. Approximate width		

g. Variations in above factors at different locations on the beach

3. Offshore conditions (1-fathom curve seaward to 40-fathom curve)

a. Obstructions to approach Shallow shoals slanting northwestward from Cape of 2 fathoms to 4 fathoms (Chart USC & GS 9103.)

b. Bottom characteristics Sand gravel

c. Depth at which bottom visible Invisible due to Egesh River.

d. Location of favorable anchorages (note on chart) Mouth of cove dist 3000 Y.

e. Nearest storm-sheltered anchorage No storm shelter.

4. Surf Conditions

a. General condition and direction of surf from the north Average height 3 feet

b. Direction of heavy surf from North Maximum height 6 feet

c. Remarks as to possibility and conditions for most practicable landing:

Can be made at height slack water.

d. State of tide when surf most favorable 1 hour before high water.

5. Tidal Conditions

a. Average rise and fall 3' Maximum rise and fall 3'7"

b. Most favorable tide for landing High slack.

c. Local cross currents:

Direction and velocity at ebb tide West 2 Kn. Flood tide East 1½

Remarks

6. Terrain Immediately Behind Beach

a. General description Rather rocky with soft clay.

b. Soil Support (Estimated)

Heaviest tracked vehicle usable in dry weather _____ wet _____

Heaviest wheeled vehicle usable in dry weather _____ wet _____

c. Soil type (sand, clay, mud, etc.) _____ Porous? _____

d. Vegetation None

e. Portions of beach most favorable for exit inland _____

f. Distance inland to barriers (mountain ranges, bodies of water, etc.) _____

From landing to military installations 2 miles road.

7. Facilities

a. Camp sites _____

Fresh water location _____ Amount _____

b. Wharves or piers _____

Location None. Condition _____

Number _____ Face length (total) _____

Cranes available None. Type _____ Capacity _____

c. Storage facilities

Size _____ Condition Good

Location _____ Cold Storage Unknown

d. Construction materials available (list type and quantity available) _____

None.

e. Roads (indicate on chart)

Type of surface _____ Condition in wet weather Muddy

Condition in dry weather Dusty Capacity _____

f. Railroads

Gauge None Condition _____

Origin _____ Destination _____

g. Navigable rivers

Distance inland 65 miles to/ Bethel Draft 18 feet

Location of mouth Refer to USCP Alaska, Part 2, 1947.

h. Towns

Population None. Industry _____

Attitude of people _____